the matter relating to promotion of some members of staff who have filed cases in court is *subjudice*, the reported case of theft is under investigation by police and construction works at the Institute are executed by the Central Public Works Department. Appointments and promotions are carried out in accordance with the approved Bye-laws and recruitment and promotion policy of the Institute.

Exploring Coal and Hydrocarbon by the Birbal Sahni Institute of Palaeobotany

1329. SHRI RAMACHANDRAN PILLAI: Will the PRIME MINISTER be pleased to state:

(a) whether there is any paper published by the Birbal Sahni Institute of Palaeobotany which has helped in locating and exploring coal and hydrocarbon;

(b) if so, what are these coalfields or oil fields;

(c) whether it is a fact that Government of Uttar Pradesh who had donated the land on which the present building of Birbal Sahni Institute of Palaeobotany, Lucknow is standing and who have been giving a token grant of Rs. 5,000 per annum, had a standing representative on the Government Body of that Institute since its inception;

(d) what are the reasons for which the said representative has been removed from the Governing Body; and

(e) whether Government of Uttar Pradesh was consulted in the matter?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS (SHRIMATI MARGARET ALVA): (a) and (b) The exploration of fossil fuel (Coal and Hydrocarbons) is a multidisciplinary activity. Geochemical, Geological, Gas logging, Mud logging, Drilling engineering, Reservoir engineering, seismological, Hydrodynamics and Palaeobotanical data are all required and no single parameter can confirm coal/hydrocarbon location. Birbal Sahni Institute of Palaeobotany, Lucknow, has been engaged in palaeobotanical, petrological and related studies in oil wells in Assam and coal fields in West Bengal and Andhra Pradesh.

(c) to (e) A Review Committee was constituted for the Institute by the Department of Science and Technology, Government of India, in 1985, As per recommendations of this Committee. the Governing Body of the Institute was reconstituted (1987-88). A representative of Lucknow University (nominee of the Vice Chancellor) is on the Governing Body.

विज्ञान और प्रौद्योगिकी के क्षेत्र में मौलिक रचना को बढ़ावा दिया जाना

1330. **श्री प्रमोद महाजन :**

श्री जगदीश प्रसाद माथुर :

क्या **प्रधान मंत्री** यह बताने कि कृपा करेंगे कि :

(क) हिन्दी में वैज्ञानिक अनुसंधान के संबंध में मौलिक रचना और लेखन को बढ़ावा देने के लिए क्या कदम उठाए जा रहे हैं;

(ख) कौन-कौन सी अनुसंधान पत्रिकाएं उनकी स्पष्ट समीक्षा के बाद शोध पत्रों का प्रकाशन करती हैं,

(ग) विज्ञान संबंधी रचना तथा समालोचना के क्षेत्र में लिखे गये प्रामाणिक ग्रन्थों का ब्यौरा क्या है,

(घ) विज्ञान और प्रोद्योगिक शब्दावली और परिभाषा-कोशों के मूल्यांकन किस प्रकार और कितनी अवधि के पश्चात किये जाते हैं,

(ङ) अंग्रेजी के लोंगमैन, आक्सफोर्ड आदि कम्प्यूटरीकरण शब्दकोश और विषय विशेष संबंधी उप-शब्दकोशों की भांति हिन्दी में उपलब्ध शब्द कोशों के नाम क्या हैं, और

(च) इस संबंध में सरकार की समयबद्ध योजना क्या है ।

कार्मिक, लोक शिकायत और पेंशन मंत्रालय में राज्य मंत्री (श्रीमती मारग्रेट आल्वा) : (क) से (च) सूचना एकत्र की जा रही है और सभापटल पर रख दी जायेगी ।